

## **IN THE SPECIFICATION**

On page 7, please amend the paragraph starting at line 7, as follows:

The moisture probe **100** may be positioned directly in the outlet line **96** from the static mixer or, as shown in FIGURE 1, may be positioned in a separate sampling chamber **110**, into which a portion of the humidified blend is directed periodically for evaluation. In the embodiment of FIGURE 1, a three way valve **112** in the outlet line is operated periodically to pass a sample of the humidified blend into the sampling chamber **110** through a sampling line **114**. Optionally, a heater **118** in the sampling line heats the sample to a sufficient temperature to lower the relative humidity of the analyzed blend and thereby maintain the integrity of the probe **100**. Water, which falls out of the humidified blend in the chamber, is carried out of the bottom of the chamber via a ~~drain-line~~ waste line **120** by periodically opening a drain valve **122**.

On page 7, please amend the paragraph starting at line 22, as follows:

After a sampling operation is complete, the sampling chamber **110** may be flushed with a dry fluid such as a dry hexane to remove traces of moisture from the chamber. For this purpose a three way valve **136** in the sampling line **114** is operated with the waste valve **122** open to carry the dry hexane purge through the sampling line and through the chamber **110**, carrying any remaining wet hydrocarbon out of the chamber through the waste line ~~130~~ 120. When another moisture determination is to be made, the hexane is flushed from the chamber by passing a portion of the wet blend through the chamber until a stable moisture content reading is obtained.

On page 8, please amend the paragraph starting at line 9, as follows:

The system may include additional valves and regulators for regulating flow through the system, such as a pressure regulating valve **140** in the outlet line, which maintains the humidified blend and column at a positive pressure. This may be associated with a pressure transducer **142** for detecting the pressure in the outlet line. Other pressure transducers may be provided, for example, at **144**, **146**, **148**, and **150**. Other valves may be provided, such as a wet blend sampling valve **152**, which allows a sample of the wet blend to be withdrawn from chamber **110** through a line **156** for analysis. A valve **158** may also be provided for closing off a line **160** between the column 10 chamber ~~chamber 70~~ and the liquid level gauge **32**. A supplementary pressure relief valve **162** may be provided in a portion **164** of the inlet line, which carries both dry blend and recycled wet blend to the column 10 chamber. A valve **170** for closing off the line between the humidification system and the polymerization reactor may also be provided.